



GLOMARC®50

PRODUCT DATA

PRODUCT DESCRIPTION

GLOMARC® 50 is a two component epoxy based durable highway marking system that provides maximum wet night reflectivity. GLOMARC® 50's first component, Epoplex LS50 epoxy binder, is formulated to provide a simple volumetric mixing ratio of two volumes of Component A (epoxy resin) to one volume of Component B (amine). GLOMARC® 50's second component is the VISIMAX™ Bead System. GLOMARC® 50 is designed to achieve superior wet night reflective characteristics.

USES, APPLICATIONS

GLOMARC® 50 may be applied to both cementitious and asphalt highway surfaces as a long-lasting striping material for both edging and center line markings.

PRODUCT ADVANTAGES

- 100% solids chemistry
- Good ultraviolet light stability
- Low viscosity suitable for spray application
- Wet night visibility
- High reflective qualities
- Long-term abrasion and corrosion resistance
- Excellent bond strength assures good adhesion to a variety of substrates
- Special formulation chemistry for fast set at a wide range of temperatures

SYSTEM PACKAGING

Component A: Epoxy Resin and Pigmentation

Component B: Amine

Both components are available in 5 gallon pails, 55 gallon drums, and 250 gallon returnable totes.

VISIMAX™

50 lb. bags or 2,000 lb. super sacks

PHYSICAL CHARACTERISTICS

Percent Solids	100%
Epoxy Equivalent Weight	300 +/- 50 (ASTM D-1652, Method B)
Total Amine Value	475 +/- 50 (ERF-25-68)
Track Free Time @ 77°F/25°C	10 min. or less (ASTM D-711) (with reflective media)
Adhesion	> 300 psi (ASTM D-7234 formerly (100% concrete failure) ASTM D-4541)
Hardness	Min. 80 (ASTM D-2240, Shore D)
Abrasion Resistance	< 80 mg weight loss (ASTM D-4060, formerly ASTM C-501)
Tensile Strength	.6,000 psi (ASTM D-638)
Compressive Strength	.12,000 psi (ASTM D-695)
Theoretical Coverage	.122 sq. ft. per gallon @ 15 mils
Mixing Ratio	.2 Parts A to 1 Part B, by volume
Chromaticity (Color)	within coordinates (ASTM D-6628)
Yellowness Indexing	Max. before QUV 8 (ASTM E-313) Max. after QUV 20
Titanium Dioxide (White)	.18-25% (ASTM D-476, Type II) (Composition by weight)
Non-Lead Organic Yellow	.5-10% (Composition by weight)
Initial Retroreflectance	.White > 1,200 mcd (ASTM D-4061) .Yellow(non-lead) > 1,000 mcd

Note: Data is based on laboratory tests. Results may vary on actual road surface.

STORAGE CONDITIONS

Store all components of GLOMARC® 50 in a dry area. Avoid excessive heat and do not freeze. The shelf life is two years in the original, unopened container.

COLOR

GLOMARC® 50 is available in highway white and non-lead yellow. Custom colors are available upon request.

IMPORTANT:

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1000 East Park Avenue, Maple Shade, NJ 08052 • 856.667.8399 • FAX 856.779.2963 • Toll Free 800.822.6920